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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yoshida et al.

Art Unit : 16 34

Serial No. : 09/931,323

Examiner : Juliet Caroline Einsmann

Filed : August 16, 2001

Title : METHOD FOR ANALYZING GENOMIC DNA

Commissioner for Patents
Washington, D.C. 20231

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RESPONSE

In response to the action mailed April 22, 2002, please amend the application as follows:

In the claims:

Please amend claims 4 to 9 as follows:

-- 4. (Twice Amended) A genomic DNA data containing medium, which is obtained by means of a method of analysis comprising:

(a) treating genomic DNA with a first restriction enzyme that provides restriction enzyme cleavage sites of different sequences;

(b) linking one end of an adapter to a restriction enzyme cleavage site, which is cut by the first restriction enzyme and is complementary to the end of the adapter, and labeling the other end of said adapter;

(c) treating the resulting DNA fragments with a second restriction enzyme to bring about first-dimensional fractionation;

(d) treating the fractionated DNA fragments of step (c) with a third restriction enzyme to bring about second-dimensional fractionation; and

(e) detecting the spots of the labeled DNA fragments fractionated in step (d).

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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